3000b Series

Frequency-agile True Diversity UHF Wireless Systems

Now offering up to 1001 selectable UHF frequencies, Audio-Technica's new **3000b Series** delivers outstanding professional performance. Nine new pre-coordinated frequency scan groups simplify selection of usable frequencies in a multi-channel wireless system. The versatile **UniPak®** body-pack transmitter features a backlit screen for easy reading on a darkened stage.

The **3000b Series** is available with either a dynamic or a condenser handheld transmitter featuring robust metal construction and slim ergonomic design. The **ATW-T341b** handheld transmitter includes the stage-proven **Artist Elite® AE4100** cardioid dynamic element, while the **ATW-T371b** handheld transmitter features the Artist Series **ATM710** cardioid condenser element.

RRP – See catalogue page

Packaging Localisation – English, French, Spanish, German, Italian, Portuguese

Following frequency bands will be available in Europe:

C Band 541.500 - 566.375 MHz - TBA
D Band 655.500 - 680.375 MHz - TBA
E Band 795.500 - 820.000 MHz – May 2010
F Band 840.125 - 864.900 MHz - May 2010
G Band 721.500 - 746.375 MHz - TBA
I Band 482.000 - 507.000 MHz - TBA

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Changes on the new system:

	Current system	New system
Receiver	**ATW-R3100a**	**ATW-R3100b**
Antenna power 12V This offers to drive ATW-B80 or other active components through the antenna cable	–	2x 12V, 60mA
Increased output level: Especially for installation a higher output level will be beneficial.	+4dBV	+9dBV
Beltpack transmitter	**ATW-T310(a)**	**ATW-T310b**
Illuminated Display For easier reading the display will illuminate as soon as you press the set button once.	–	Yes
Two colour LED The LED on the transmitter will now indicate the status of the transmitter more easily. Please see separate table below on the LED (*).	–	Yes
Improved battery compartment door Some customers reported that the battery compartment door opens by accident and with it the beltpack shut off. A new design will prevent this to happen anymore.	–	Yes
andheld transmitter	**ATW-T341(a) / T371(a)**	**ATW-341b / T371b**
High RF power option on E- and F-Band This higher output level will improve the RF performance of the handheld transmitters. Please note that the same Low/High power will stay available in all other frequency bands (C-, D- and I-Band).	10mW	10mW / 30mW
Illuminated Display For easier reading the display will illuminate as soon as you press the set button once.	–	Yes
Two colour LED The LED on the transmitter will now indicate the status of the transmitter more easily . Please see separate table below on the LED (*)	–	Yes
Overall system		
Frequency stepping With the 25kHz stepping it will be easier to implement this system into larger setups and to comply with dedicated given frequency plans (e.g. Spot frequencies in France, Germany,...)	125kHz / individual	25kHz
Groups For easier setup every frequency band will offer 9 groups with 16 channels each. Please see attached XLS file: **Scangroups 3000-series 2009-05-28.xls** for an overview on these groups. Specific groups are dedicated to specific territories (e.g. three groups are only for the French regulation in all bands) while group 8 and 9 can be used parallel on close by stages or rooms to realize a setup of up to 32 channels simultaneously per frequency band.	-	Yes

(*) Transmitter LED

	On	Mute	Low bat.	Low bat. mute	PEAK
3000-old	Red	Red	Red	Red	OFF
3000-new	Green	Red	Green	Red	OFF

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